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1.FLMAP: A fast lightweight mutual authentication protocol for RFID systems
Sadighian, A.; Jalili, R.;

Networks, 2008. ICON 2008. 16th IEEE International Conference on (155-159)
12-14 Dec. 2008. p.1



Source: IEEE Electronic Library Online

Show Abstract | Show In Clusters

Numerous authentication protocols for RFID systems were proposed as attacks on authentication and monitoring, impersonation or cloning, and information leakage. Many essential requirements that one robust authentication protocol must guarantee. In this paper, a new mutual authentication protocol, called FLMAP, that overcomes all the drawbacks of the existing protocols is proposed.

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binti Abdul Kadir, H.; binti Mohd Kanafiah, S.N.A.; bin Abd. Wahab, M.I.
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Source: IEEE Electronic Library Online

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Mobile Ubiquitous Computing, Systems, Services and Technologies, 2008. ICUTS 2008. International Conference on (978-0-7695-3367-4)
Sept. 29 2008-Oct. 4 2008. p.362

Source: IEEE Electronic Library Online

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With the development of RFID applications, the rapidly increasing number of RFID applications, the RFID system development and the RFID devices which adopt the different

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5. security tag.

Computer Desktop Encyclopedia

7/1/2008. p.1



Source: Computers & Applied Sciences Complete

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See EAS and authentication token. [ABSTRACT FROM PUBLISHER]

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DesignTag can also be used to address related threats such as copying of c

cores and unlicensed use of CAD tools.

7. FLMAP: a fast lightweight mutual authentication protocol for RFID systems

2008.



Source: INSPEC

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8. Nanoparticles in forensic science.

2008.



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11. Thermochromism of bacteriorhodopsin and its pH dependence.
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12. Verifying the authenticity of chip designs with the DesignTag system.
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Source: INSPEC

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Computer Desktop Encyclopedia

10/1/2007. p.1



Source: Computers & Applied Sciences Complete

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14. Architectural Support for Run-Time Validation of Program Data Properties

Arora, D.; Ravi, S.; Raghunathan, A.; Jha, N.K.;

Very Large Scale Integration (VLSI) Systems, IEEE Transactions on (106

May 2007. Vol.15, Iss.5; p.546

Source: IEEE Electronic Library Online

Show Abstract | Show In Clusters

As computer systems penetrate deeper into our lives and handle private data transactions of high monetary value, efforts to breach their security also extend beyond an amateur hacker's play. Until now, security was always an afterthought: updates to antivirus software, patches issued by vendors after software bugs were discovered. Increasingly, we are realizing the need to incorporate security during the design of hardware. We invoke this philosophy in the design of a hardware-based system for validating a program's data during execution. In this paper, we develop a general framework for enforcing security policies against a wide class of security attacks. Our work is based on the observation that permissible behavior with respect to data accesses can be characterized by a set of security policies. A hardware/software approach wherein such properties can be encoded as data access policies during program execution. These policies may be application-specific (e.g., enforcing that variables are accessed in a certain order), compiler-generated (e.g., enforcing that variables are accessed in a certain order), or universally applicable to all programs (e.g., disallowing WRITES to unallocated memory). We evaluate the embedded system architecture can support such policies by: 1) enhancing the security attributes of each datum as security tags that are linked to it throughout its lifetime; 2) a hardware checker that interprets the semantics of the tags and enforces the security policies; and 3) evaluating the effectiveness of the proposed architecture in enforcing various security policies on embedded benchmark applications. Our experiments in the context of the SPECint92 benchmark show that the proposed solution ensures run-time validation of application-defined security policies.



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15. Architectural support for run-time validation of program data properties

2007.



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16.A design of authentication protocol for multi-key RFID tag.
2007.



Source: INSPEC

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17.Divisible e-cash systems can be truly anonymous.
2007.



Source: INSPEC

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18.Source tagging-a viable solution to shoplifting?
2007.



Source: INSPEC

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19.Tweaking TBE/IBE to PKE transforms with chameleon hash functions.
2007.



Source: INSPEC

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20.Metrologic Adds Sweepstakes, New Scanner.

Schell, Dan; Schell, Dan.

Business Solutions (1521-7027)

12/1/2006. Vol.21,Iss.11;p.16-16

Source: Computers & Applied Sciences Complete

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The article reports that Metrologic launched the scanner called the MS718 promotion. The MS7180 Orbit CG is an omnidirectional bar code scanner and a single-line laser and has a power save mode. It also has an integrated tag deactivation. Metrologic also begun its Life of Luxury Sweepstakes where you have to register by December 29, 2006 and for every purchase of any Metrologic product you get 1 sweepstakes entry.

STIC Full Text Retrieval Options

21.Lionsgate doubles security tags.

Netherby, Jennifer.

Video Business (0279-571X)

11/20/2006. Vol.26,Iss.47;p.1-33

Source: Computer Source: Consumer Edition

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The article reports that Lions Gate Entertainment Corp. will be the first studio to use both Sensormatic and Checkpoint electronic article surveillance tags on feature films, a theft deterrent tag on DVD, and retailers place orders based on the security tags. Under the new system, all DVD will include both tags so that retailers can use the tag that works with their theft-deterrent system.

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22.Chosen-ciphertext security from tag-based encryption.



2006.

Source: INSPEC

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23.Enhancing security through hardware-assisted run-time validation of pr
Raghunathan, A.; Jha, N.K.; Ravi, S.; Arora, D.;

Hardware/Software Codesign and System Synthesis, 2005. CODES+ISSS
International Conference on (1-59593-161-9)

Sept. 2005. p.190

Source: IEEE Electronic Library Online

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The growing number of information security breaches in electronic and co
paradigms that consider security as a primary design objective. This is par
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24.Norprint in Queen's win.

Printing World (0032-8715)

4/28/2005. Vol.290,Iss.4;p.11-11

Source: Computer Source: Consumer Edition

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This article reports that Norprint Labelling Systems has won a Queen's Aw
tagging system. The Nortag, which protects retail goods from theft, was re
for its ability to offer retailers covert security, brand enhancement and also
Norprint's technical director Gerrard Hancock has been leading the team si
The lightweight security tag has recently been introduced to leading retaile
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25.The Dr. Who Conundrum (vulnerability of security technology).

2005.

Source: INSPEC

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Source: Computers & Applied Sciences Complete

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Printing World (0032-8715)

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Results 26-48 of 58 returned for "full text contains "security tag"" (71 total)

27. A lightweight mutual authentication protocol for RFID networks.
2005.
Source: INSPEC
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28. Securing Layer 2 in local area networks.
2005.
Source: INSPEC
Show In Clusters
29. Graph Expo: Top Ten List.
Esler, Bill; Esler, Bill.
Graphic Arts Monthly (1047-9325)
11/1/2004. Vol.76, Iss.11; p.36-38
Source: Computers & Applied Sciences Complete
Show Abstract | Show In Clusters | 2 Duplicate Records
This article reports the highlights of the Graph Expo & Converting Expo held in Las Vegas. CEO Jim Dunn emphasized the importance of best practices. These are factors that are implemented when Job Description Format--integrated machines start working in a new fashion. Adopting best practices increases net productivity by as much as 30%. The presses are geared for one-pass, two-sided coating over five colors, and hybrid printing effects are in demand. Print moves in the course of these innovations, from traditional marking up paper--to eye-popping, tactile, value-added product. Enhancements include finished stocks, security tag grants, holograms and random pantographs, glossy sheets, hybrid digital and conventional print, and mixing digital print and traditional. Companies led the trade show. Flint Ink launched Progressive Color Media training, and Arrowstar inks, a worldwide brand of sheetfed inks promising new packaging applications.
STIC Full Text Retrieval Options
30. Terahertz tagging.
Fisher, Richard; Fisher, Richard.
Engineer (00137758) (0013-7758)
10/22/2004. Vol.293, Iss.7662; p.11-11
Source: Computers & Applied Sciences Complete
Show Abstract | Show In Clusters
Reports that researchers in Great Britain developed an anti-counterfeiting scanner to unlock hidden information. Protection of high-value goods such as pharmaceuticals; counterfeiting; Tamper-proof opaque plastic that covers a hologram or image; the microsystem technology group at the University of Glasgow, Scotland.
STIC Full Text Retrieval Options
31. An MPEG tolerant authentication system for video data
Uehara, T.; Safavi-Naini, R.; Ogunbona, P.;
Multimedia and Expo, 2004. ICME '04. 2004 IEEE International Conference on
30-30 June 2004. Vol.2; p.891
Source: IEEE Electronic Library Online
Show Abstract | Show In Clusters
We propose a secure video authentication algorithm that is tolerant to visual compression to a designed level. The authentication process generates a tag.

level of protection can be adjusted so that longer tags are used for higher security. The tags are distributed such that higher security is provided for regions of interest in the document. Authentication and verification can be largely performed as part of MPEG-7 processing. Verification of the tag can be integrated into the compression system. Calculation of the tag is fast and so made fast

- 32. Nanobarcodes particles as covert security tags for documents and products
2004.
Source: INSPEC
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- 33. Novel online security system based on rare-earth-doped glass microbeads
2004.
Source: INSPEC
Show In Clusters

- 34. WANTED: SECURITY TAG TEAM.
Schwartz, Mathew; Schwartz, Mathew.
Computerworld (0010-4841)
6/30/2003. Vol.37, Iss.26; p.38
Source: Computers & Applied Sciences Complete
Show Abstract | Show In Clusters | 2 Duplicate Records
Discusses the need for collaboration between information technology and security. Background on the vulnerability of the process systems and computer industries; Actions taken by Du Pont Co. to control process-control systems; Managing process-control hardware.
STIC Full Text Retrieval Options

- 35. Looking to the future
Dempsey, Kathy; Dempsey, Kathy.
Information World Review (0950-9879)
12/1/2002. Iss.186; p.24
Source: Computers & Applied Sciences Complete
Show Abstract | Show In Clusters
Geared toward a UK readership, briefly summarizes a number of new developments in the information industry. On the technology front, the buzz is all about personalization, reference, and many libraries are exploring ways to incorporate the use of technology into its own. Radio Frequency Identification (RFID), which promises to revolutionize how things are tracked. The RFID tag is like a super-charged barcode; as well as containing information, it is coded to hold other information and incorporates the security tag. On the horizon, artificial intelligence looms large, not a popular development for librarians who have long upheld the status quo. Trends on the horizon for 2003 include artificial intelligence on library Web sites, the Web, possibly even in library automation systems.

- 36. Tag-based vision: assisting 3D scene analysis with radio-frequency tags
Boukraa, M.; Ando, S.;
Image Processing, 2002. Proceedings. 2002 International Conference on (ICIP 2002). 22-25 Sept. 2002. Vol.1; p.1
Source: IEEE Electronic Library Online
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STIC Full Text Retrieval Options

41.Method and apparatus for detecting unauthorized distribution of data
Grube, G W; Markison, T W; Rybicki, M A; Grube, G W.
Method and apparatus for detecting unauthorized distribution of data
1/14/1997.

Source: Information Science & Technology Abstracts
Show Abstract | Show In Clusters | 1 Duplicate Records

Unauthorized distribution of data within a wireless communication system
gateway between the wireless communication system and a public data base
system sends data to a requesting member of the wireless communication system
security gateway. As the security gateway is receiving the data, it is searching for
security tag is found, the security gateway determines whether the security tag
base transmitting the data. If the security tag is not assigned to the particular
identifies the particular data base as a potential unauthorized distributor of data.
Inc..Patent Number: 5594796.

42.Characteristics of electromagnetic security tag system.
1995.

Source: INSPEC
Show In Clusters

43.Keeping your PowerBook and data secure.

Lu, Cary; Lu, Cary.
Macworld (0741-8647)
6/1/1993. Vol.10,Iss.6;p.207

Source: Computers & Applied Sciences Complete
Show Abstract | Show In Clusters | 2 Duplicate Records

Proposes preventive security measures to guard against computer theft. Suggests
Portable alarm systems; Camouflage; Cable-locks; Security tag systems; Protection
through telecommunications, file transfers or fax image transfers; Network security
Protection against file recovery programs; Electromagnetic radiation; Other security
STIC Full Text Retrieval Options

44.High security tagging system for evidence marking and verification
Prokoski, F.J.; Riedel, R.B.; Coffin, J.S.,.

Security Technology, 1992. Crime Countermeasures, Proceedings. Institution of
Engineers 1992 International Carnahan Conference on (0-7803-0568-X)
14-16 Oct. 1992. p.86

Source: IEEE Electronic Library Online
Show Abstract | Show In Clusters

Optically encoded tags can provide highly secure, inexpensive assistance in
items including documents, containers, and parcels. An optically encoded tag
producing the tag, means for affixing the tag, means for archiving the tag for
provisions to restrict access to the archives, means for verifying the tag at a later date
prevent duplication or removal and reapplication of the tags, management of
authorized parties, and procedures to be followed when verification is successful.
its use in verification tagging applications, and mechanisms for production of the tags.
The techniques developed are highly robust, in that they allow the pattern of the tag to
other masking effects as well as partial defacement without loss of identity.

distances, and the verification process itself will provide distance information for various purposes. Proof of principle has been demonstrated

45. We are approaching the year's peak period for theft so -- Tag your PCs.
Management Services (0307-6768)

10/1/1992. Vol.36, Iss.10; p.32-32

Source: Computers & Applied Sciences Complete

Show Abstract | Show In Clusters

□ The problem with laptops and calculators are that it is impossible to secure them with their merchandise. Personal computers are protected by a shield of metal, but the casing de-tunes the target wherever it is placed. To solve his problem K... security system called Stealth Tag. Like its aeronautical namesake the tag... Security staff are alerted whenever a tagged item attempts to walk from the... usually concealed in the ceiling panels detect any tag moving within its area... metals is overcome by using a dual-frequency detection principle which K... reasons.

STIC Full Text Retrieval Options

46. Shoplifting spoils.

New Scientist (0262-4079)

4/27/1991. Vol.130, Iss.1766; p.31

□ Source: Computers & Applied Sciences Complete

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Informing that Security Tag Systems of Florida is filing patents in Europe on... that the thief does not benefit from the item stolen. Possible use for clothing...

STIC Full Text Retrieval Options

47. Mini hi-tech security tag system.

Accountancy (0001-4664)

2/1/1991. Vol.107, Iss.1170; p.55-55

Source: Computers & Applied Sciences Complete

Show Abstract | Show In Clusters

□ The article introduces a security tag system, called Team 90, from Team E... Companies concerned for the physical safety of their high-tech equipment... of theft at the cost of a few pence for each item per day. Any attempt to ca... points -- such as internal doors and building exits -- will both trigger an ala... which will film the thief in action.

STIC Full Text Retrieval Options

48. Architectural support of fine-grained secure computing

Bondi, J.O.; Branstad, M.A.;

Computer Security Applications Conference, 1989., Fifth Annual (0-8186-...
4-8 Dec. 1989. p.121

Source: IEEE Electronic Library Online

□ Show Abstract | Show In Clusters

An architecture especially adept at security support is outlined. The archite... a two-tuple, or ordered pair, consisting of a datum word and an associated... unit, the two-tuple moves around through the architecture in unison as pro... subprocessor always operates on a security tag in synchrony with a fairly c... on the associated datum word. The coupled subprocessors provide the ove...

multilevel-secure access control and flow control. The proposed architecture
security technology along a unique combination of three fronts: (1) direct
the-word mediation, and (3) optimal (minimal) result classification
